

In re Application of: Alon ATSMON et al
Serial No.: 10/618,962
Filed: July 14, 2003
Office Action Mailing Date: March 18, 2009

Examiner: Minh D. DAO
Group Art Unit: 2618
Attorney Docket: 36442

In The Claims:

1-23. (Cancelled)

24. (Currently Amended) A portable device, comprising:
a device body that has a thickness less than 0.8 mm and a switch;
memory for holding device information;
a processor for processing signals to determine instructions to be carried out;
and
reception electronics for receiving ~~wireless~~acoustic signals, said reception electronics comprising an acoustic reception unit.

25. (Previously Presented) The portable device of claim 24, wherein the reception electronics includes decoder electronics for extracting broadcast information from the wireless signals.

26. (Previously Presented) The portable device of claim 25, wherein the processor stores broadcast information in memory.

27. (Previously Presented) The portable device of claim 25, wherein the wireless signals are received from consumer electronics.

28. (Previously Presented) The portable device of claim 25, further comprising:
a display on the device body for displaying alphanumeric characters.

29. (Previously Presented) The portable device of claim 28, wherein the display is a liquid crystal display (LCD).

30. (Previously Presented) The portable device of claim 28, wherein the processor is capable of displaying the broadcast information on the display.

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31. (Previously Presented) The portable device of claim 24, further comprising:
transmission electronics coupled to the switch that emit a wireless signal when
the switch is activated.

32. (Previously Presented) The portable device of claim 25, further comprising:
transmission electronics coupled to the switch that emit a wireless signal when
the switch is activated.

33. (Previously Presented) The portable device of claim 32, wherein the
transmission electronics encodes the broadcast information in the wireless signal to be
emitted.

34. (Previously Presented) The portable device of claim 24, wherein the broadcast
information is a redeemable coupon.

35. (Previously Presented) The portable device of claim 24, wherein the wireless
signal is an acoustic signal.

36. (Previously Presented) The portable device of claim 35, wherein the acoustic
signal is an ultrasound acoustic signal.

37. (Previously Presented) The portable device of claim 24, wherein the wireless
signal is radio frequency (RF) signal.

38. (Previously Presented) The portable device of claim 24, wherein the wireless
signal is a magnetic signal.

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39. (Previously Presented) The portable device of claim 35, wherein the reception electronics includes recording electronics for recording the acoustic signals received by the receiver electronics.

40. (Previously Presented) The portable device of claim 39, further comprising:
transmission electronics coupled to the switch that plays the recorded acoustic signals when the switch is activated.

41. (Previously Presented) A portable device, comprising:
a device body that has a thickness less than 0.8 mm and a switch;
memory for holding device information;
a processor for processing signals to determine instructions to be carried out;
and
reception electronics for receiving and recording acoustic signals.

42. (Previously Presented) The portable device of claim 41, further comprising:
transmission electronics coupled to the switch that plays the recorded acoustic signals when the switch is activated.

43. (Withdrawn) An online search system, comprising:
a portable device including,
a device body that has a thickness less than 0.8 mm and a switch;
a processor for processing instructions and computing data;
reception electronics for receiving and recording acoustic signals; and
transmission electronics coupled to the switch that emit the recorded acoustic signal when the switch is activated;
a base station with a receiver and at least one application; and
a server for receiving the recorded acoustic signal.

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44. (Withdrawn) The system of claim 43, wherein the server further comprises:
a database including a plurality of audio samples; and
a search engine for comparing the recorded acoustic signal with a selected plurality of audio samples in the database to find a match.

45. (Withdrawn) The system of claim 44, wherein the database includes a plurality of uniform resource locators (URLs) associated with the plurality of audio samples.

46. (Withdrawn) The system of claim 45, wherein the base station includes a web browser and the server further comprises:
communications electronics coupled with the search engine for delivering the URL associated with the audio sample that matched the recorded acoustic signal.

47. (Withdrawn) The system of claim 45, wherein the base station includes a web browser and the server further comprises:
communications electronics coupled with the search engine for delivering a command to redirect the web browser to a web page based on the URL associated with the audio sample that matched the recorded acoustic signal.

48. (Previously Presented) A method of searching for content on the Internet, comprising steps:

providing a portable device, comprising:
a device body that has a thickness less than 0.8 mm and a switch;
memory for holding device information;
a processor for processing signals to determine instructions to be carried out; and
reception electronics for receiving and recording acoustic signals;
storing an audio sample on said portable device;
accessing a database of a plurality of audio files; and

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comparing the audio sample with a selected plurality of audio files to find a match.

49. (Previously Presented) The method of claim 48, further comprising step:
delivering a uniform resource locator (URL) associated with the audio file that matched the audio sample.

50. (Previously Presented) The method of claim 48, further comprising step:
delivering a command to redirect the web browser to a uniform resource locator (URL) associated with the audio file that matched the audio sample.

51. (Previously Presented) A method of searching for content on the Internet, comprising steps:

providing a portable device, comprising:

a device body that has a thickness less than 0.8 mm and a switch;

memory for holding device information;

a processor for processing signals to determine instructions to be carried out; and

reception electronics for receiving and recording acoustic signals;

recording an audio sample on said portable device;

sending a request to conduct a search based on the recorded audio sample; and

receiving a response based on the request.

52. (Previously Presented) The method of claim 51, further comprising step:
recording an audio sample.

53. (Previously Presented) The method of claim 51, wherein the step of receiving includes:

receiving a uniform resource locator (URL) associated with a search result of the search based on the recorded audio sample.

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54. (Previously Presented) The method of claim 51, wherein the step of receiving includes:

redirecting a web browser to a web page at a uniform resource locator (URL) associated with a search result of the search based on the recorded audio sample.

55. (Previously Presented) The device of claim 24, wherein said wireless signals comprise ultrasound signals.

56. (Previously Presented) A portable device, comprising
a device body having a thickness less than 0.8 mm and a switch;
memory for holding device information;
a processor for processing signals to determine instructions to be carried out;
and
reception electronics for receiving and recording acoustic signals, wherein said reception electronics are configured for extracting broadcast information from the acoustic signals, and wherein said processor is configured for processing information extracted by said reception electronics.